MINOLTA

VECTIS 2000

E INSTRUCTION MANUAL

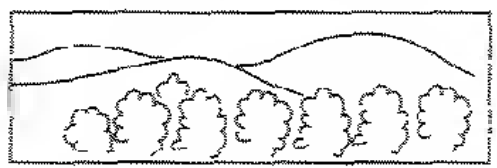
Thank you for purchasing the Minolta Vectis 2000. The Vectis 2000 is an easy to operate lens shutter camera from Minolta's line of Advanced Photo System™ cameras. Your camera features Drop-in Loading, a 22.5 - 45mm zoom lens, and a wide focus frame. The sleek and compact design gives the Vectis 2000 a sophisticated appearance suitable for any occasion. This manual is designed to help you understand the operation of your camera and its functions. Please familiarize yourself with the names of the controls and their locations on the camera, then read this manual thoroughly.

* Advanced Photo System™ is a trademark of the five system developing companies.

Advantages of the Advanced Photo System

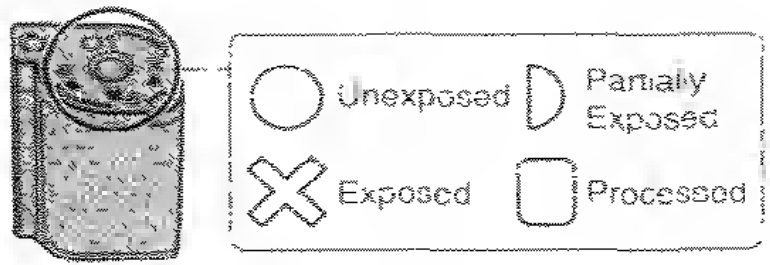
New print formats...

Classic C print, wider H print, and panorama P print formats are available with Advanced Photo System cameras.

C H P 

Easier to load...

Advanced Photo System cameras use the new IX240 type film. This new film features Drop-in Loading to make loading your camera simple, the first time, every time. Indicators on the cassette tell you and your camera if the film is unexposed, partially exposed, exposed, or processed.



New processing...

In addition to returning your prints in the format you selected, certified photofinishers will return your Advanced Photo System film in its original cassette with an index print. To order reprints, simply choose the images you want from the index print. No more searching through negatives to find the right frame.

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FOR PROPER AND SAFE USE

Read and understand all warnings and cautions before using this product.

⚠ WARNING

Batteries may become hot or explode due to improper use.

- Use only the batteries specified in this instruction manual.
- Do not install the batteries with the polarity (+/–) reversed.
- Do not subject batteries to fire or high temperatures.
- Do not attempt to recharge, short, or disassemble.
- Follow local codes for battery disposal. Tape over lithium battery contacts before disposal.

Use caution, accidents may occur when using this product near young children.

Keep batteries or things that could be swallowed away from young children. Contact a doctor immediately if an object is swallowed.

Immediately remove the batteries and discontinue use if...

- the product is dropped or subjected to an impact in which the interior is exposed.
- the product emits a strange smell, heat, or smoke.

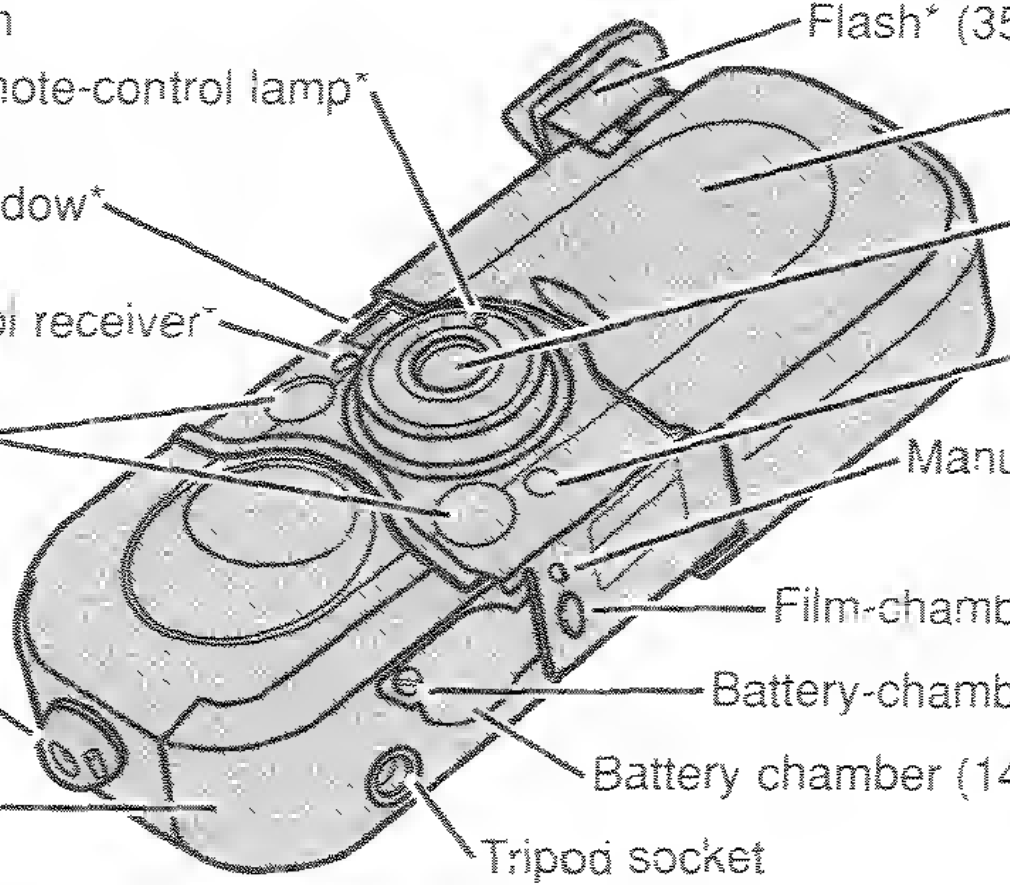
Do not disassemble. Electric shock may occur if a high voltage circuit inside the product is touched. Take your camera to a Minolta Service Facility when repairs are required.

⚠ CAUTION

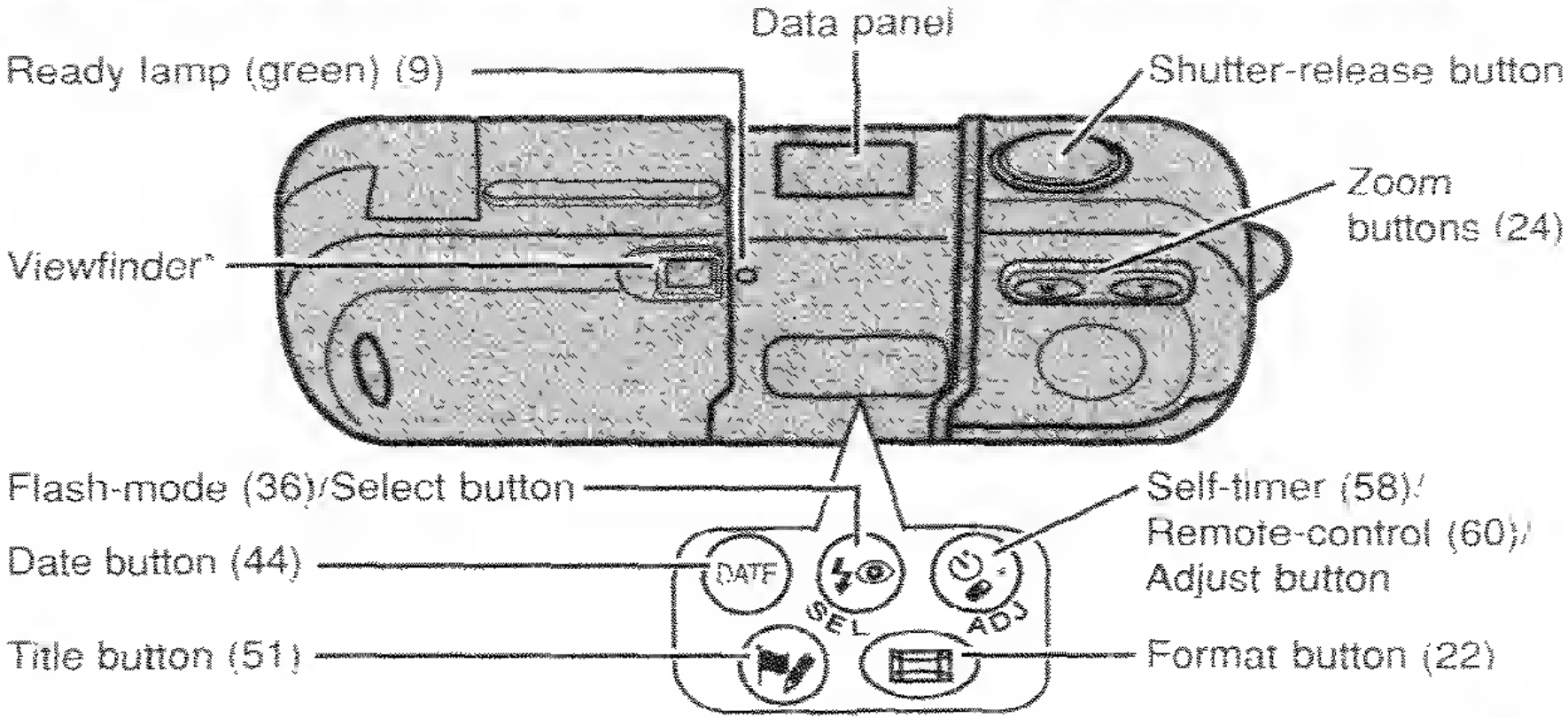
The lens retracts when the camera is turned off or Auto Power Off is activated. Touching the lens barrel while it is retracting may cause injury.

Camera Body

*- Do not touch

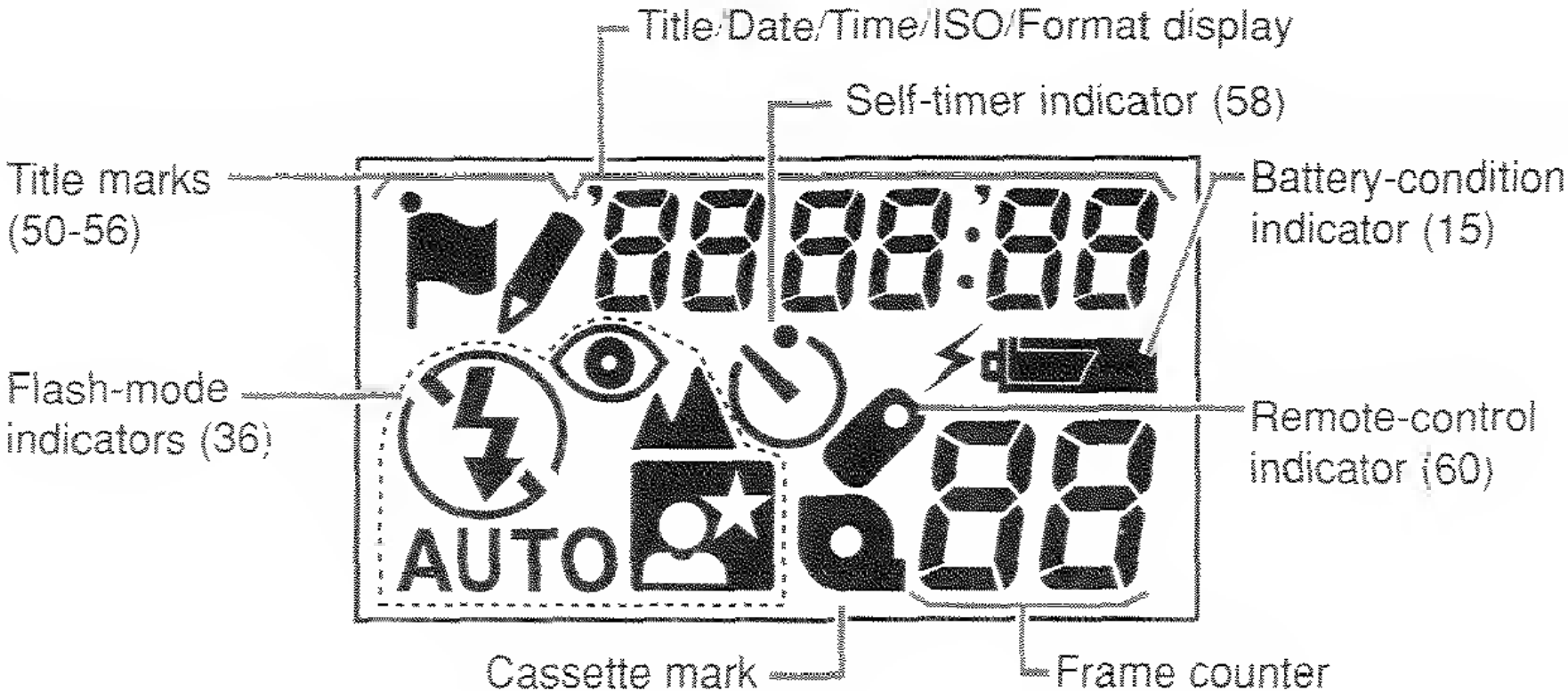


Flash* (35)
Self-timer/Remote-control lamp*
Lens cover
Viewfinder window*
Lens*
Remote-control receiver*
Meter window*
AF windows*
Manual-rewind button (33)
Strap eyelet (13)
Film-chamber release (19)
Battery-chamber lock (14)
Battery chamber (14)
Film chamber
Tripod socket



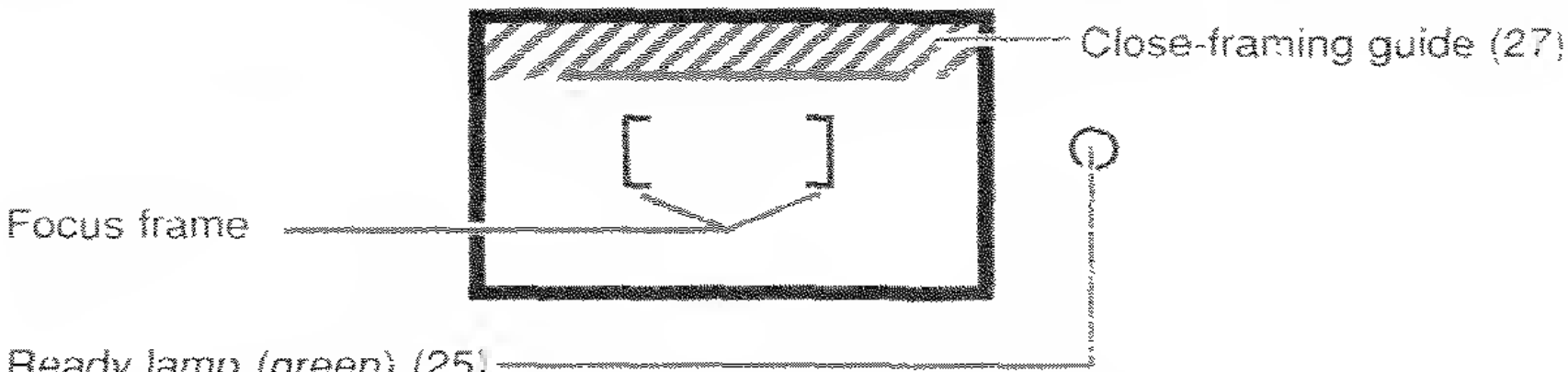
For information on specific parts, refer to the page numbers shown in parenthesis.

Data Panel



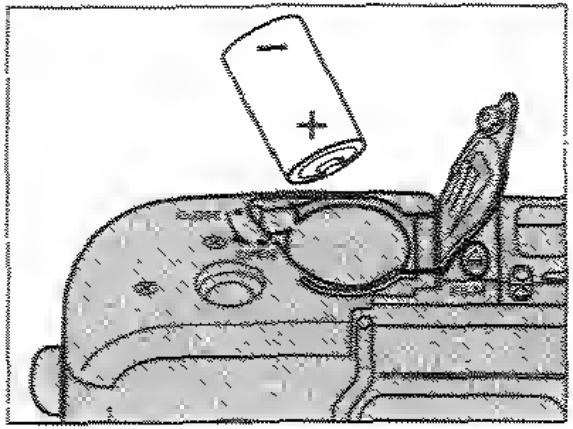
• Only the necessary indicators will appear in the data panel.

Viewfinder

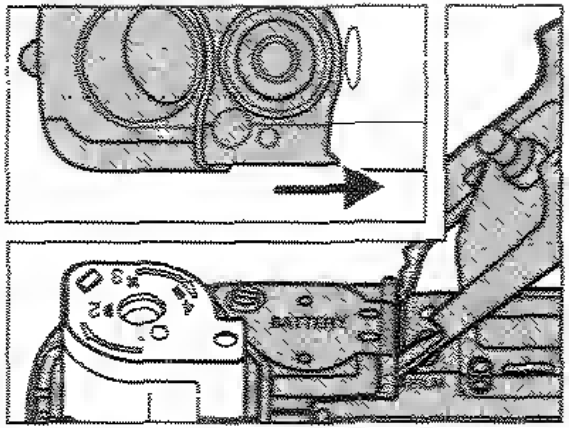


With the shutter-release button pressed partway down -

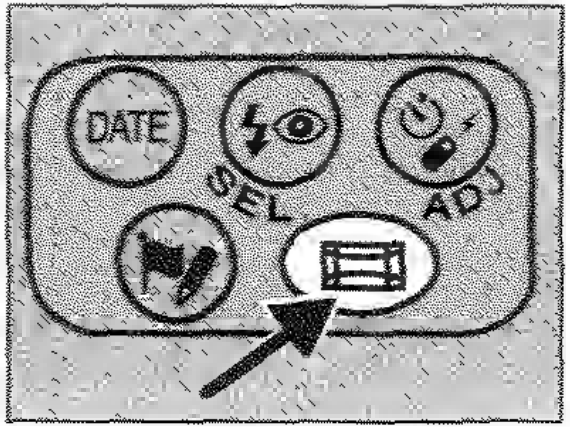
Glows.	Camera is ready
Blinks quickly:	Subject is too close (shutter is locked)
Blinks slowly:	Camera shake warning
Off:	*Flash is charging*



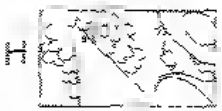
1. Insert the battery (p.14).

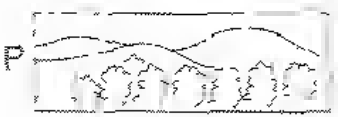


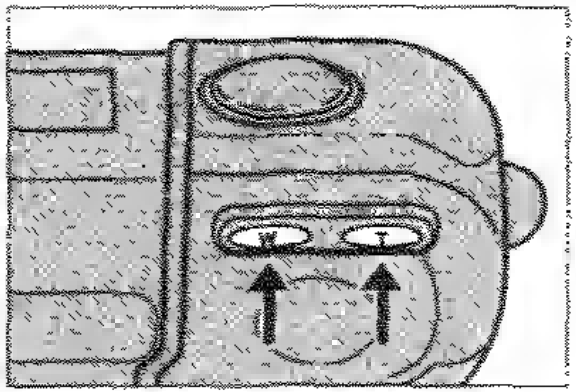
2. Open the lens cover to turn the camera on, then insert the film (p. 17).



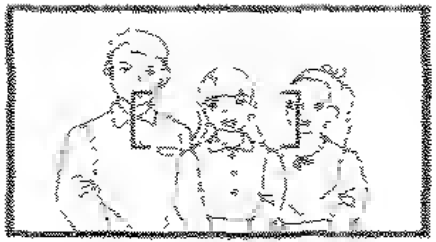
3. Select the print format (p. 22).



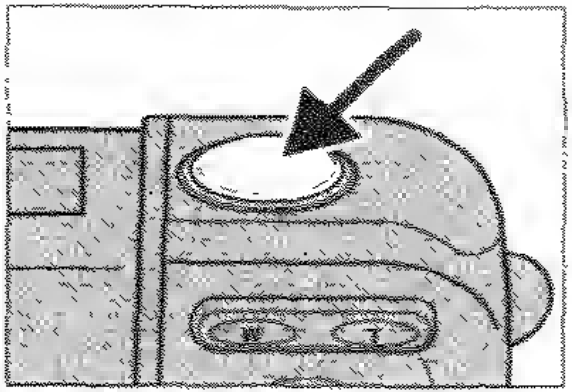




4. Frame the subject as desired (p. 24).



5. Center your subject in the focus frame (p. 24).



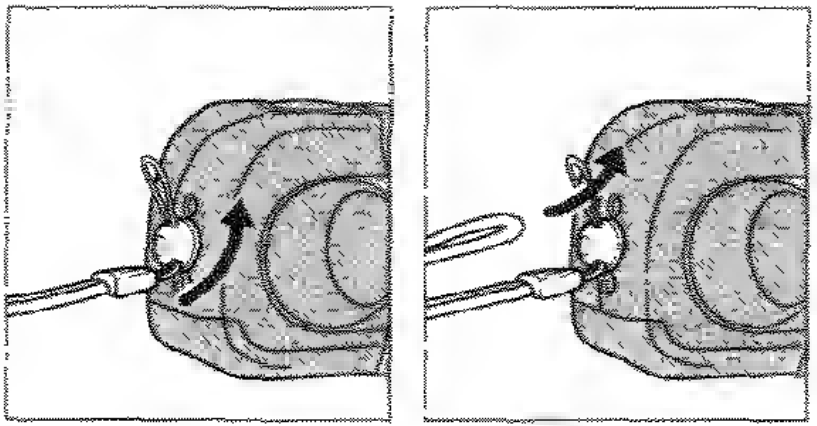
6. Press the shutter-release button all-the-way down to take the picture (p. 25).

W

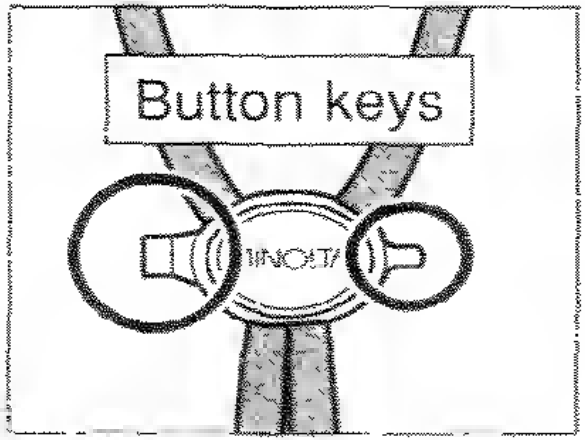
T

BASIC OPERATION

ATTACHING THE STRAP

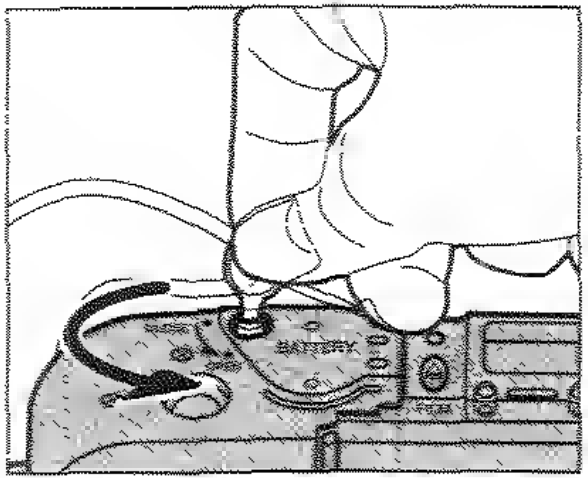


Attach the strap as shown.



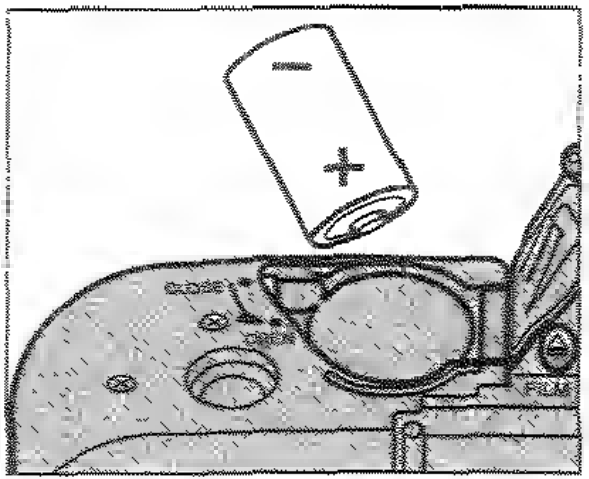
- Button keys are included on the strap. Use the bigger key to turn the battery-chamber lock, smaller key to push the manual-rewind button.

INSTALLING THE BATTERY



Your camera uses one 3-volt CR-2 lithium battery to supply power for all camera operations.

1. Turn the camera upside down, then open the battery chamber as shown, using the bigger button key.



2. Insert the battery into the chamber as indicated by the + and – marks.

3. Close the battery chamber, then turn the lock until it stops at CLOSE.

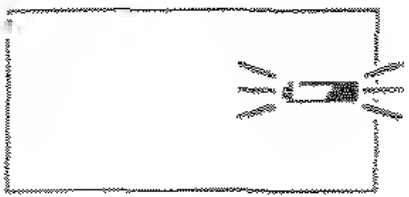
- After installing a new battery, reset the date and time (p. 46).

CHECKING THE BATTERY POWER

Each time the lens cover is opened, a symbol will appear in the data panel to indicate the power status of the battery.

Briefly appears. Power is sufficient for all camera operations.

Power is sufficient, but the battery must be replaced soon.



Replace the battery. The shutter will lock until the battery is replaced.

Continued on following page

CHECKING THE BATTERY POWER - CONT'D

- If no display appears, replace the battery or check that it is inserted correctly.
- Auto Power Off: The data panel will shut off and the lens will retract if the camera is not operated for more than eight minutes. Press the shutter-release button partway down, or press either zoom button to resume operation.
- Do not obstruct the lens while it is retracting.

LOADING FILM

Your camera uses IX240 type film designed for use in Advanced Photo System cameras.

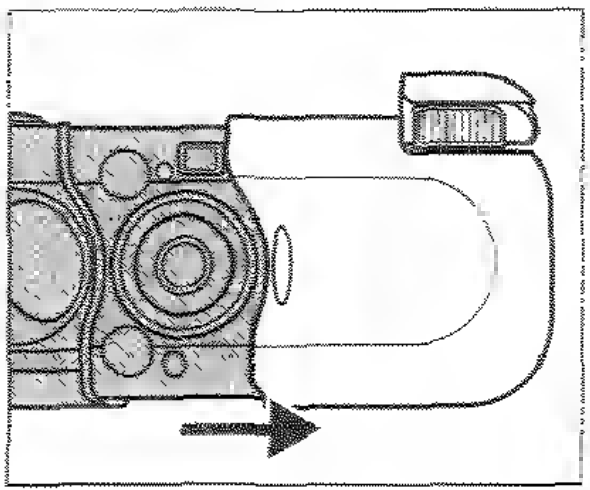
- Your camera's automatic transport system loads the film, sets the film speed, and advances the film after each exposure.
- Use film from ISO25-3200. Your camera will automatically set the proper ISO.
- After loading, the film chamber cannot be opened until rewind has been initiated.
- DEP, Double Exposure Prevention, prevents the camera from accepting exposed film.
- This camera will only load film with the ● mark current.

Continued on following page

Visual Exposure Indicators

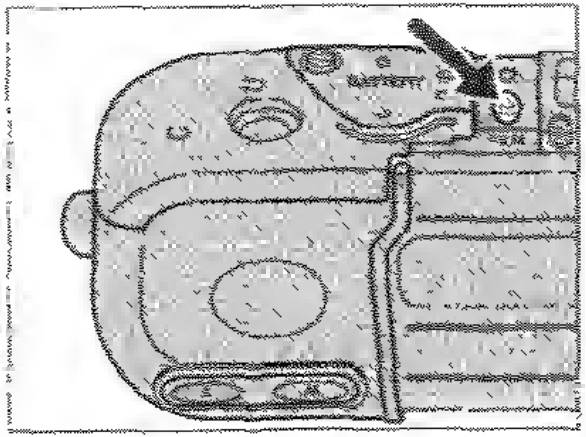
- The current VEI has a white indicator behind it.

VEI	MEANING
●	UNEXPOSED
◗	PARTIALLY EXPOSED
✕	EXPOSED
▮	PROCESSED



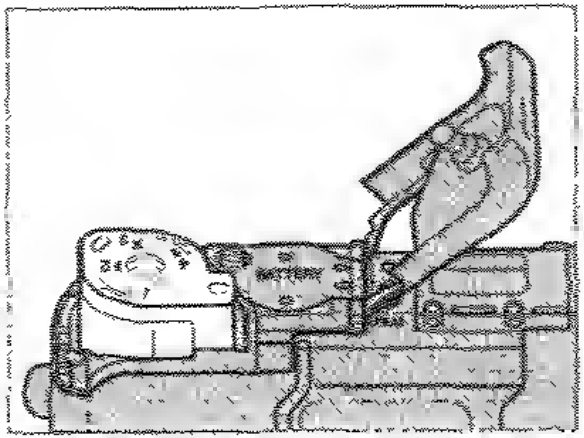
1. Open the lens cover to turn the camera on.

- The built-in flash pops up and the lens extends.



2. Turn the camera upside down, then press the film-chamber release. The film-chamber door will open partway.

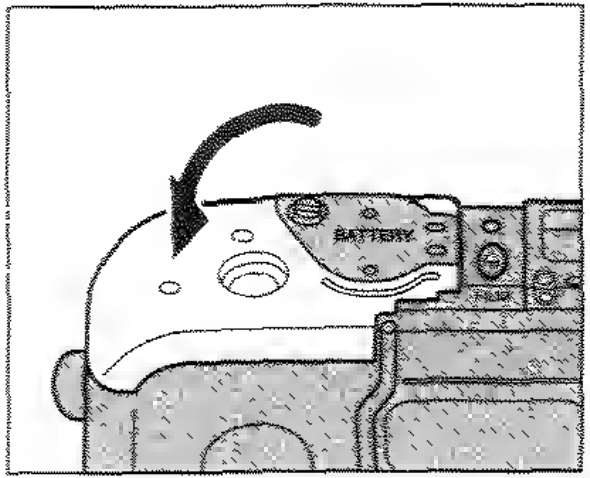
- OPEn will appear and ⧉ will blink in the data panel.



3. Insert the cassette into the film chamber with the VEI on top.

- Do not use force when opening the film-chamber door.

Continued on following page.



1

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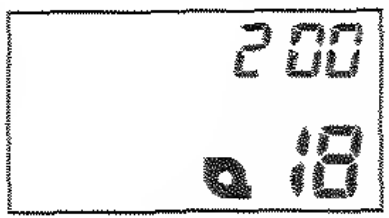
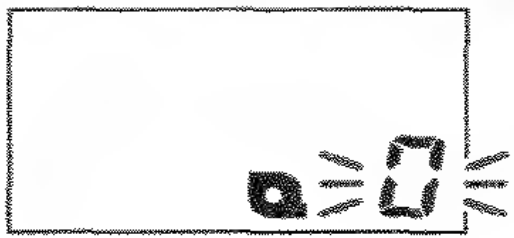


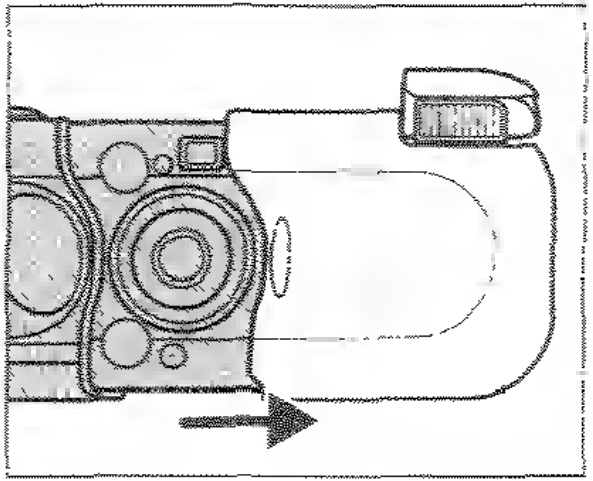
4. Press the film-chamber door closed until it clicks.

- The data panel will display the cassette mark and the film's ISO, then the number of frames remaining on the roll [1].
- After the film is loaded, pressing the film-chamber release will display the film's ISO in the data panel [2]. The display will disappear 2 seconds after the finger is released.



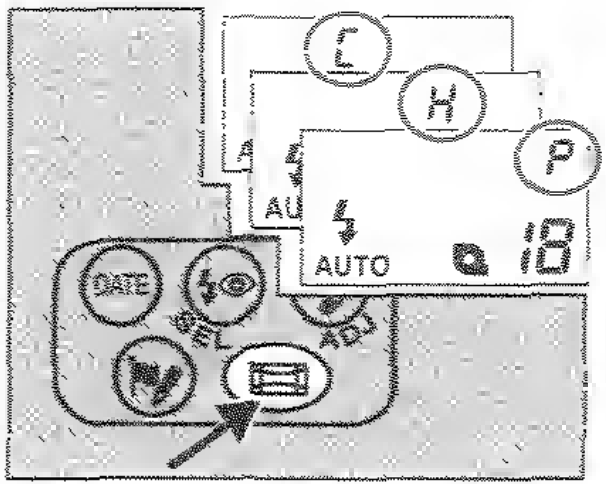
If 0 blinks in the data panel, press the film-chamber release, open the chamber, then remove the film.

- If the film's current VEI is ✕, insert a new roll of film.
- If a partially exposed roll of film was loaded into this camera, the VEI has been changed from ◗ to ✕.
- If a processed roll of film was loaded into this camera, the VEI has been changed from ■ to ✕.
- If the film's current VEI is ●, remove the film, remove and reinsert the battery, then reload the film. If the film will not load, contact the nearest authorized Minolta Service Facility.



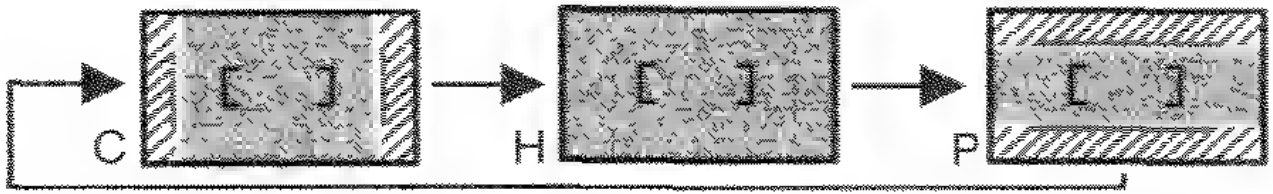
1. Open the lens cover to turn the camera on.

- The camera is set for fully-automatic operation and the flash will fire automatically when necessary.
- The print format is set to C, H, or P, whichever was selected last.

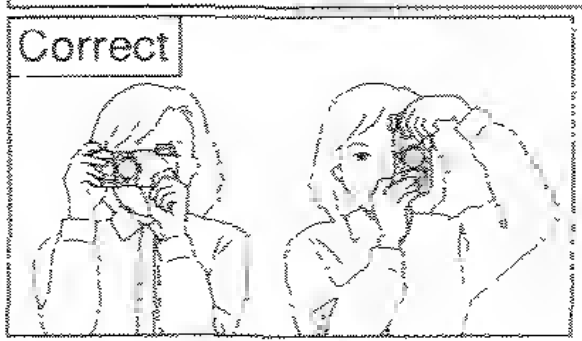


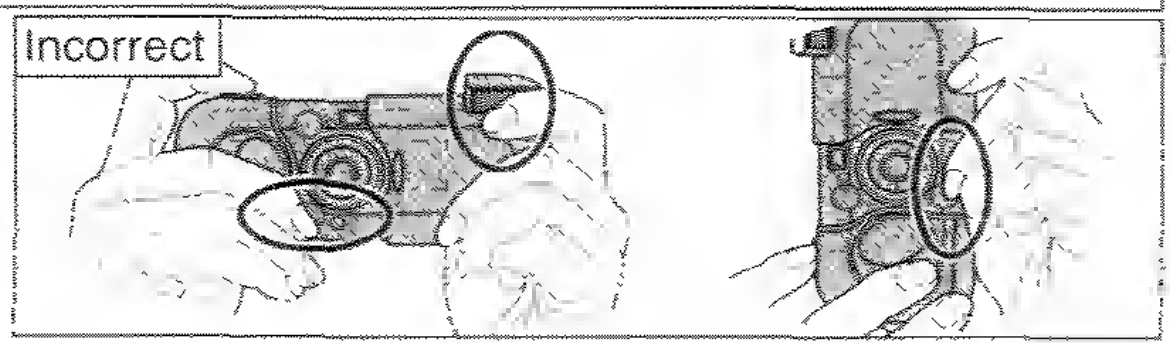
2. Press the format button to select the print format.

- The viewfinder will change to match your selection. The area shown by ▨ will be on the final print.



Hold the camera steady, making sure your fingers do not cover the flash, AF windows, or meter window. If you are taking a vertically framed picture, turn the camera so the flash is on top.





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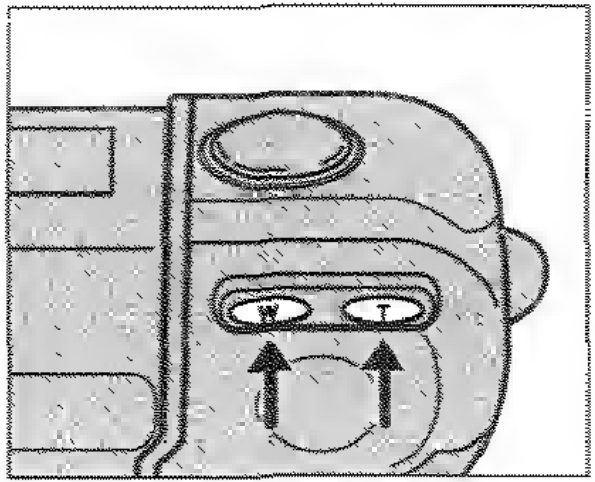
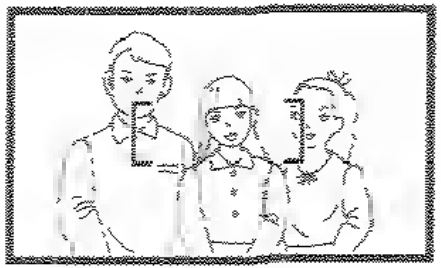
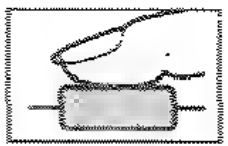


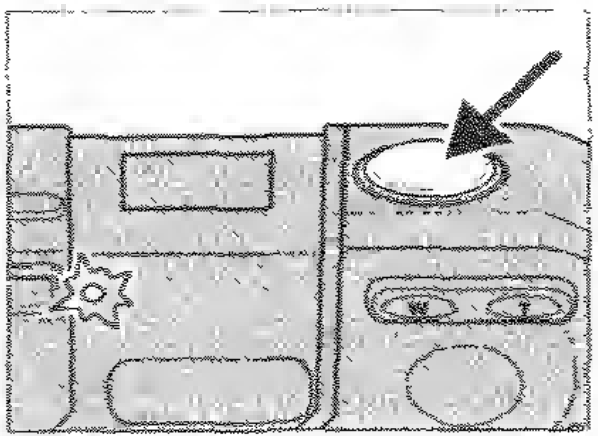
3. Looking through the viewfinder, frame the subject as desired.
Press the W zoom button to zoom out.
Press the T zoom button to zoom in.



4. Center your subject in the focus frame, then press the shutter-release button partway down.

- When the picture needs to be recomposed due to parallax, the close-framing guide will appear in the viewfinder (p.27).





5. When the green ready lamp glows, press the shutter-release button all-the-way down to take the picture.

- Do not hold or obstruct the lens barrel.
- If the ready lamp does not glow, the flash is not charged. Wait until it glows, then take the picture.
- If the ready lamp blinks quickly and the shutter is locked, your subject is too close (p.26).
- Press the shutter-release button with a slow steady squeeze - never a quick jab.
- After use, close the lens cover part way until the lens retracts, then close completely.

FOR CLOSER SUBJECTS

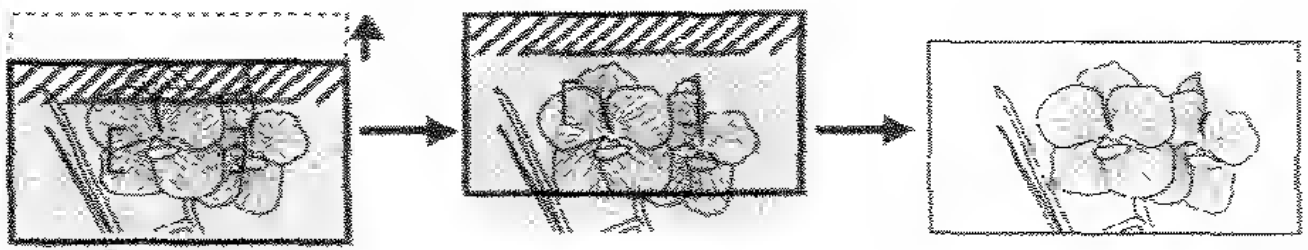
The green ready lamp will blink rapidly and the shutter will lock when you are closer than the focus distance indicated below.

Print Format	***C or H***	***P***	
Focal Length	All	22.5mm	45mm
Focus Distance	0.4m - ∞ (1.3 ft. - ∞)	0.48m - ∞ (1.6 ft. - ∞)	1.0m - ∞ (3.3 ft. - ∞)

- If the camera can not determine the focus distance, the green focus lamp will glow or blink slowly and the picture may not be in focus.

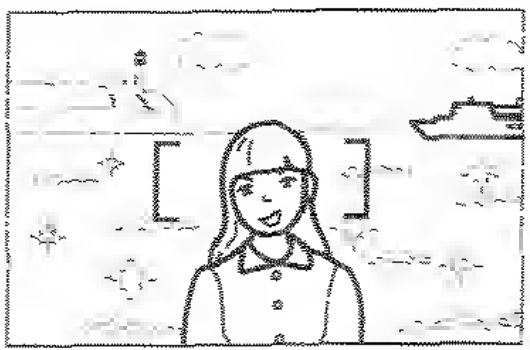
CLOSE-FRAMING GUIDE (C and H Formats)

For a subject within the focus distance but close enough to cause parallax, the close-framing guide will appear in the viewfinder when you press the shutter-release button partway down.
Without lifting your finger from the shutter-release button, move the camera slightly upward to recompose the picture, then press the shutter-release button all-the-way down to take the picture.
The area shown by [redacted] will be on the final print.



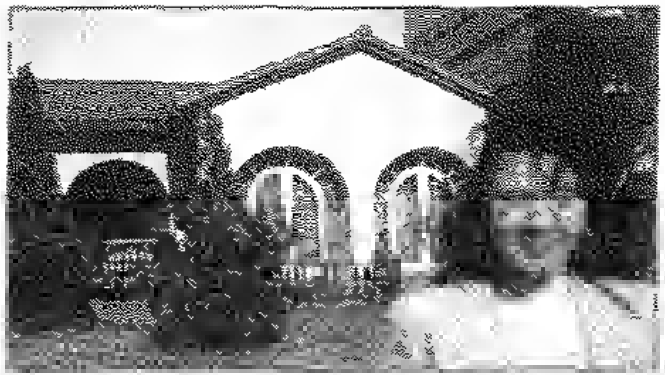
SPECIAL FOCUSING SITUATIONS

Some scenes or subjects, like the examples below, are difficult for the autofocus system to lock on to. In these shooting situations, focus hold (p.29) on another object with the same brightness and the same distance from you as your main subject, recompose, then press the shutter-release button all-the-way down to take the picture.



- Bright light sources such as the sun or neon lights
- Highly reflective surfaces such as water, mirrors, etc.
- Flame, fireworks, etc.
- Dark objects and surfaces with low reflectance
- Objects behind glass, bars, or other such as partitions

FOCUS HOLD



Subjects outside the focus frame may not be in focus. Use focus hold to ensure accurate focusing.

1. **Center your subject in the focus frame.**

Continued on following page.

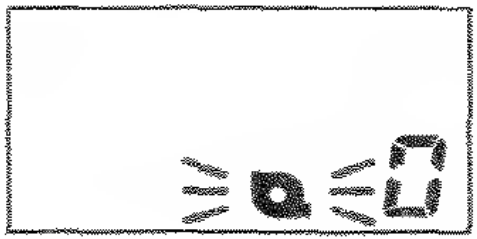
2. Press and hold the shutter-release button partway down so the green ready lamp glows.

3. Without lifting your finger, recompose the picture and press the shutter-release button all-the-way down to take the picture.

- Lift your finger from the shutter-release button to cancel focus hold.

REWINDING THE FILM

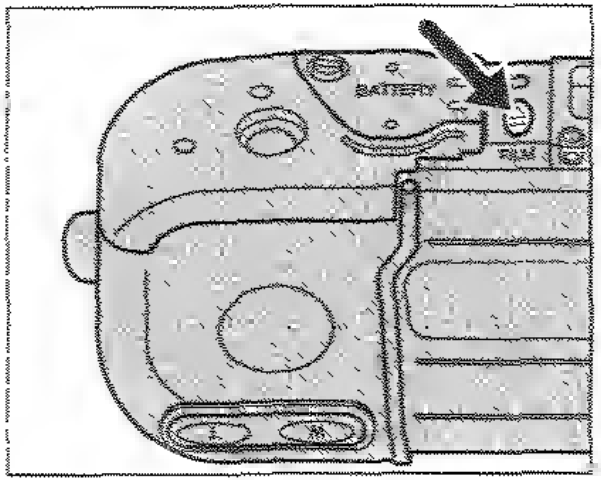
Your camera automatically rewinds the film into the cassette after the last exposure.



1. Wait for the film to completely rewind into the cassette.

- The lens will retract before rewind.
- The frame counter will count down during rewind.
- 0 will appear in the frame counter and will blink when rewind is complete.

Continued on following page.



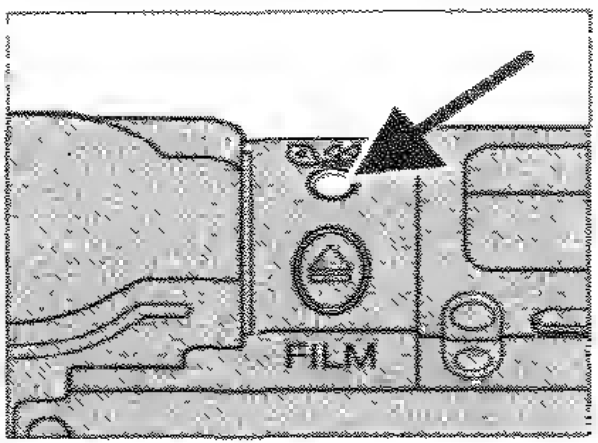
2. Turn the camera upside-down, then press the film-chamber release to open the film chamber.

3. Open the film chamber and remove the film.

- OPEn will appear and ⧉ will blink in the data panel.
- The film's VEI indicator will be ✕.

MANUAL REWIND

Use manual rewind to rewind the film before the roll is finished.



1. **Gently press the manual-rewind button using the smaller button key.**

2. **Follow steps 1- 3 from automatic rewind.**

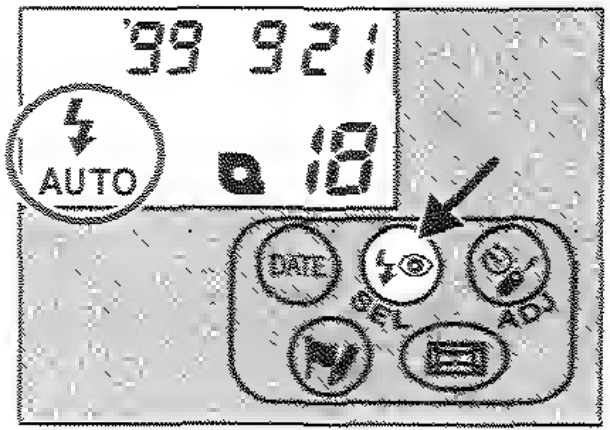
For best results, take your film to a Certified Advanced Photo System photofinisher displaying this symbol (p. 66).

USING THE BUILT-IN FLASH

When you open the lens cover to turn the camera on, the built-in flash is set to Autoflash or Autoflash with red-eye reduction. The flash will fire automatically when necessary.

SELECTING THE FLASH MODE

Autoflash mode $\overset{\text{AUTO}}{}$, Autoflash with red-eye reduction $\overset{\text{AUTO}}{}$, Fill-flash, Flash cancel, Night Portrait, or Landscape/Night View can be selected.



Press the flash-mode button until the desired indicator appears in the data panel.

- Flash modes remain selected after the picture is taken.

FLASH RANGE

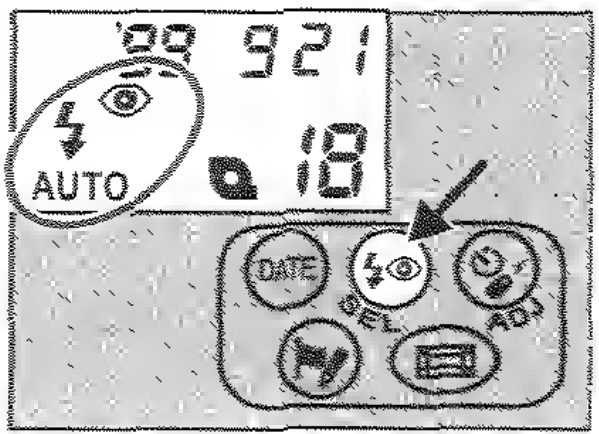
The range of the built-in flash depends on the film speed and the focal length you are using. To ensure proper exposure, make sure your subject is positioned within the flash range.

	Focal Length 22.5mm	Focal Length 45mm
Film Speed ISO 100	0.4 – 2.5 / 2.3*m (1.3 – 8.3 / 7.7* ft.)	0.4 – 2.0 / 1.9*m (1.3 – 6.7 / 6.1* ft.)
Film Speed ISO 200	0.4 – 3.6 / 3.3*m (1.3 – 11.8 / 10.8* ft.)	0.4 – 2.9 / 2.65*m (1.3 – 9.5 / 8.7* ft.)
Film Speed ISO 400	0.4 – 5.1 / 4.7*m (1.3 – 16.7 / 15.3* ft.)	0.4 – 4.1 / 3.7*m (1.3 – 13.4 / 12.3* ft.)

* The flash range with red-eye reduction

RED-EYE REDUCTION

Use the built-in flash's red-eye reduction mode to reduce the red-eye effect when photographing people or animals at night or in low light situations. The flash will fire a few short bursts before the main flash burst to reduce the red-eye effect.



Press the flash-mode button until AUTO appears in the data panel.

- Warn your subject that the flash will fire a few short bursts just before the picture is taken.
- The flash mode will remain selected after you turn the camera off.